

ABSTRACT OF THE DISCLOSURE

An image processing system and an image processing method which correct a moiré in an image taken from a displayed image. An imaging taking apparatus takes an image of an image displayed by an image displaying apparatus and an optical characteristic changing apparatus is provided between the image taking apparatus and the image displaying apparatus. A lightpath of the displayed image is changed before the image of the displayed image is taken and an image processor receives a plurality of the taken images from the image taking apparatus and generates a processed image with a removed moiré by correcting or superposing the plurality of the images. Thus, a processed image, in which a moiré of the displayed image is removed, is promptly obtainable, and a quality of the taken image is increased. The image processing system and method are adaptable to various systems for inspection and/or measurement.